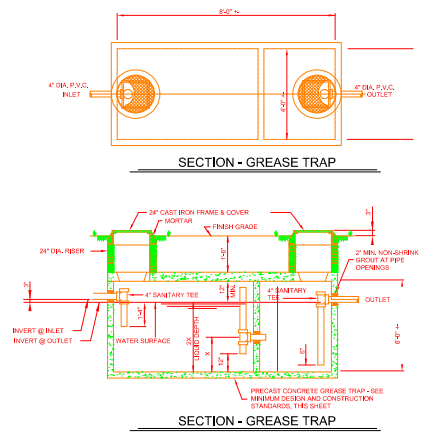
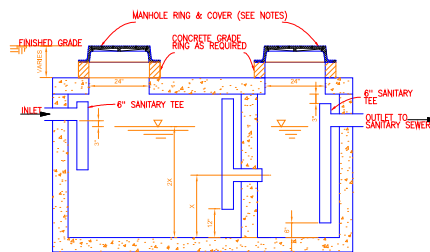


1. CLEANOUT SHALL CONSIST OF A 6" CAST IRON PLUG CAPABLE OF PRESSURE TESTING. PLUG SHALL BE SURROUNDED BY A CONCRETE COLLAR. PLUG AND COLLAR SHALL BE FLUSH WITH FINISHED GRADE.
2. ALL PIPING SHALL BE GASKETED SDR CLASS. GLUE JOINT PIPING SHALL NOT BE USED.



OUTLET TO SANITARY SEWER NOTES:

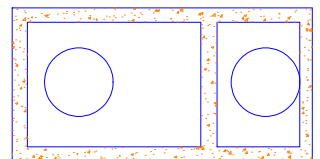
1. MANHOLE RING & COVER SHALL BE: GAS AND WATER TIGHT PROVIDING A 22" MINIMUM CLEAR OPENING. US FOUNDRY #199 EDRS CR APPROVED EQUAL.
2. VOLUME OF GREASE TRAP SHALL BE BASED UPON ULTIMATE LOADING. SIZING CALCULATIONS MUST BE APPROVED BY CBU. MINIMUM SIZE SHALL BE 1000 GALLONS. REFER TO SPECIFICATIONS FOR SIZING CALCULATIONS.
3. CONCRETE GRADE RINGS SHALL BE UTILIZED TO BRING COVER TO FINISHED GRADE.
4. CAST IN PLACE OR PRECAST ONLY.



SECTION - OIL/SAND SEPARATOR

DETAILS - 1000 GAL. OIL/SAND SEPARATOR

NOT TO SCALE



PLAN - OIL/SAND SEPARATOR

A. GENERAL

1. Usable liquid capacity of tank must not be less than 1000 gallons.
2. The tank length must be at least two (2) but not more than three (3) times the width.
3. The uniform liquid depth must not be less than four (4) feet.
4. At least one (1) foot of freeboard must be provided.
5. Vibration methods must be employed to prevent voids.
6. Wall and bottom thickness may be a minimum of three (3) inches in thickness.
7. Inlet must enter tank a minimum of three (3) inches above the liquid level.
8. Inlet pipe shall extend sixteen (16) inches below liquid level.
9. Outlet tee shall extend down to six (6) inches above the bottom of the grease trap.
10. Access openings must be located above inlet and outlet devices, and lifts should be equipped with lift rings.

1. Strength - mix should be calculated to yield a minimum 28 day compressive strength of 3,500 psi.
2. Types of aggregate
 - a. Sand - fine up to 1/4" inch
 - b. Gravel - due to the screenings from crusher operation may be used in the sand
 - c. Gravel or crushed stone - should not exceed 1/3 of wall thickness, i.e., for 2" 1/2" wall thickness, aggregate should not exceed a size of 3/4"
3. Portion and Quality Control -
 - Every manufacturer should have portion control and such other equipment and capabilities necessary to maintain constant mix ratios and systematic inspection of finished products to rule out unsuitable specimens.

An Identifying seal bearing the following items must be cast or stamped into the outlet end, within six (6) inches of the top:

1. Manufacturer
2. Manufacturer's address
3. Liquid capacity of tank

All tanks must be guaranteed in writing for two (2) years against failure due to poor workmanship and materials of the manufacture

1			
NO.	REVISION	DATE	APPROVED BY

Brunswick County			
DATE 04/04/05	DRAWN BY S.T.E	ENGINEER R. FALOR	SCALE NONE
TITLE-DESCRIPTION SEWAGE LIFT STATION WASTEWATER PUMP STATION DETAIL			
PROJECT BRUNSWICK CO. SCADA SYSTEM	DRAWING NUMBER S - 2		